CLAIMS

1. A control module for a mobile unit comprising:

- a plurality of user operable control members, said plurality of user operable control members being adapted to provide a plurality of user operable control signals, and

- means for multiplexing a first and a second control signal of the plurality of user operable control signals into a multiplexed control signal, said multiplexed control signal being available for further processing in the mobile unit so as to control a number of operation parameters of said mobile unit.

2. A control module according to claim 1, wherein the multiplexing means further comprises a timing input terminal, said timing input terminal being adapted to receive a timing signal/clock signal.

3. A control module according to claim 1, wherein the multiplexing means comprises an integrated circuit for multiplexing the first and second user operable control signals in the analogue domain.

4. A control module according to claim 3, further comprising an analogue-to-digital converter for receiving the multiplexed analogue control signal and for outputting a multiplexed digital control signal.

5. A control module according to claim 1, further comprising analogue-to-digital converters for receiving the first and second user operable control signals and for converting these analogue control signals into digital control signals.

6. A control module according to claim 5, wherein the multiplexing means comprises an integrated circuit for multiplexing the first and second user operable control signals in the digital domain.

7. A control module according to claim 1, wherein the mobile unit is a cellular phone, a hearing aid, or a pager.

8. A control module according to claim 1, wherein the multiplexing means multiplexes the first and second user operable control signals in the time domain.

9. A control module according to claim 1, wherein the multiplexing means multiplexes the first and second user operable control signals in the frequency domain.

10. A method of processing user operable control signals in a mobile unit, said method comprising the steps of:

- providing a plurality of user operable control signals, and

- multiplexing a first and a second control signal of the plurality of user operable control signals into a multiplexed control signal, said multiplexed control signal being available for further processing in the mobile unit so as to control a number of operation parameters of the mobile unit.

11. A method according to claim 10, wherein the multiplexing of the first and second user operable control signals is performed in the time domain.

12. A method according to claim 10, wherein the multiplexing of the first and second user operable control signals is performed in the frequency domain.

13. A method according to claim 10, wherein the provided plurality of user operable control signals are provided in a digital format.

14. A method according to claim 10, wherein the provided plurality of user operable control signals are provided in an analogue format.

15. A method according to claim 10, wherein the mobile unit is a cellular phone, a hearing aid, or a pager.

16. A hearing aid comprising a control module, said control module comprising:

- a plurality of user operable control members, said plurality of user operable control members being adapted to provide a plurality of user operable control signals, and

- means for multiplexing a first and a second control signal of the plurality of user operable control signals into a multiplexed control signal, said multiplexed control signal being available for further processing in the hearing aid so as to control a number of operation parameters of said hearing aid.

17. A cellular phone comprising a control module, said control module comprising:

- a plurality of user operable control members, said plurality of user operable control members being adapted to provide a plurality of user operable control signals, and

- means for multiplexing a first and a second control signal of the plurality of user operable control signals into a multiplexed control signal, said multiplexed control signal being available for further processing in the cellular phone so as to control a number of operation parameters of said cellular phone.